Compound was readily utilized as an energy source by chicks at 5% in the diet. (Yoshida, Morimoto, Matsui & Oda,1970).

An oral glycerol tolerance test was conducted on a patient with hereditary fructose 1,6-diphosphatase deficiency. (Baerlocher, Gitzelmann, Nussli & Dumermuth,1971a).

Glycerol tolerance tests were conducted on a child with fructose-1,6-diphosphatase deficiency. (Greene, Stifel & Herman,1972).

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Test material infusion was used to study the mechanism of food intake regulation in the pig. (Gregory & Rayner,1987).

(Batt, Davis, Fairhurst, Gerrad & Ridge,1988).

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Neurotoxicity, emotional disturbance and airway obstruction from the repeated perispinous injection of a sclerosing solution containing 2.5% phenol and 25% glycerol to a woman for back pain are reported. (Kilburn,1994).

Citations. No original data; the authors cite others work.. See MF 20335 for the actual data and a complete report. (Inayama,

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Kitamura, Ito & Kanisawa,1986a).

Studies on cosmetic products or directly related thereto.. (Maibach, Akerson, Marzulli, Wenninger, Greif, Hjorth, Andersen & Wilkinson,1980).

Biodegradation.. (Pitter,1976).

(Urano & Kato,1986).

Editorial comments.. (Cogan,1943).

(Golberg [Editor],1973a).

European Economic Community, usually with legislation (LAW).. (Loprieno & Loprieno,1995).

Environmental studies or effects.. (Bridie, Wolff & Winter,1979a).

Enzyme induction effects such as on phenobarbital sleeping times.. Glycerol was not utilized to any significant extent by a number of endocrine tissues from human placenta, rat ovary, rat testis & rat adrenal gland. (Ferguson, Baillie, Calman & Hart,1966a).

Epidemiology.. (Pelfini,1987).

Studies on flavor and flavor components other than processed flavors (PF).. (Sanders,1966).

Article in foreign language; no English translation available.. No English abstract or translation available. (Kopf, Loeser, Meyer & Franke,1950).

No English abstract or translation available. (Kopf, Loeser & Meyer,1951).

No English translation available. (Schaaf & Gross,1953).

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(Schutz,1960).

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(Novarini, Coruzzi, Montanari, Brusci & Borghetti,1979).

(Barilyak & Kozachuk,1985).

Irritation.. Results not given in English abstract of Japanese paper. 10 invivo & invitro tests conducted. (Hayakawa,1988).

Multiple chemical sensitivity; environmental illness.. (Terr,1986).

Mixture.. (Kjekshus & Mjos,1972).

Herbal topical medicaments used in Hong Kong and whose contents were listed were patch tested. (Lee & Lam,1990).

News articles or pseudo-reviews. An article that reviews or discusses a topic and mentions a number of materials that are of interest. The article does not cite any new or original data. News clippings fall in this category.. (Frawley,1967).

Occurrence such as physiological (PHYSIOL) occurrence.. Radiolabeled test material was used as a marker for the study of carbon metabolism pathways in rats. (Hill, Hobbs & Koeppe,1958).

The localization of the conversion of tributyrin to glycerol was studied in vitro. The species was not given. (Chernyakhovskaya & Ugolev,1969).

The role of glycerol in the augmented and abnormal gluconeogenesis of cancer hosts was evaluated using rats. (Liu, Drucker & Jarad,1995).

Predictability of a test. See also model (MODEL), relevance

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(RELEV).. (Basketter, Scholes, Chamberlain & Barratt,1995b).

Methods for determining priorities.. (Zitko,1990).

Review articles.. (Deichmann,1940a).

(Federation of American Societies for Experimental Biology,1975).

(Williams,1981).

Skin absorption. For other types of absorption use ABS as with mucous membranes (MUC).. A dermal penetration rate (from physical properties) was sugg. as an index of dermal abs potential. (Fiserova-Bergerova, Pierce & Droz,1990).

Structure activity relationships such as studies of a group of aldehydes or other similar structures.. (Jurs, Chou & Yuan,1979).

Ability to stimulate penetration of Schistosoma mansoni cercariae into agar was evaluated. (Haas & Schmitt,1982).

A computer generated statistical structure activity model. (Enslein, Lander & Strange,1983).

(Lipnick, Watson & Strausz,1987).

(Rosenkranz & Klopman,1990).

(Barratt,1995).

Sensitization studies and effects. Distinguish those with patients (PAT).. Part of a mixture used as negative control in skin prick test. Results not specified. (Buckley, Ivison, Poulter & Rustin,1992).

Topical review. A review on a subject, not on a material.. Membrane permeability is discussed. (Zwolinski, Eyring & Reese,1949).

(Spiegel & Noseworthy,1963).

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(Suskind & Ishihara,1965).

(Wieland,1968).

(Grasso & Lansdown,1972).

(Borgstrom,1974).

(Bridges & Fry,1978).

(Hannuksela,1979).

(Barry,1983).

(Dooms-Goossens,1984).

(Schrag & Dixon,1985).

(Lanzet,1986).

(Rieger,1986).

(Scharpf,Jr., Seitz, Morris & Farbood,1986).

(Stofberg & Grundschober,1987).

Validation studies of in vitro mouse cytotoxicity assays as replacements for the Draize rabbit eye study are presented. (Shopsis, Borenfreund & Stark,1987).

(Pitot & Campbell,1988).

(Ishidate,Jr., Harnois & Sofuni,1988).

(Carpenter, Lewis & Crenshaw,1990).

Glycerol has been used in the dog and cat to treat glaucoma. (Brooks,1990a).

(Zatz,1991).

(Paustenbach & -Leung,1993).

(Ophaswonge & Maibach,1994).

(Sainio & Kanerva,1995).

How materials are used.. (Highley, Savoyka, O'Neill &

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Ward,1976).

Status

Glycerol was listed by the ACGIH as Mist - Nuisance particulate TLV-TWA, 10mg/m3 of total dust/particulate., was approved by the FDA as GRAS Affirmation proposed 2/8/83 184.1320 (21 CFR 182.1320), was listed by the Occupational Safety and Health Administration as PEL - Glycerol mist - TWA 15 mg/m3 (total dust); 5 mg/m3 (respirable fraction). Flavor and Extract Manufacturers' Association states: Generally Recognized as Safe as a flavor ingredient - GRAS 3. (2525) (Hall,1965).

Other actions:

Canadian Domestic Substances List	Registered
European Inventory of Existing Commercial Chemical Substances	Registered 200-289-5
Joint Expert Committee on Food Additives	ADI not specified. 1976
TSCA Inventory List	Registered

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